

What is claimed is:

1. A measurement data controlling device for storing and controlling measurement data in a measurement system including a plurality of measurement devices, comprising:

5 a memory formed in each measurement device, and

Sub
A
10 means for preparing a main file having a plurality of predetermined areas for storing measured data, identifying data for identifying a measuring device from other measuring devices, and time identifying data for identifying date-and-time when a measurement is carried out in said each measurement device, said main file being stored in the memory as one file unit.

15 2. A measurement data controlling device according to claim 1, wherein said preparing means further prepares a file allocation table attached to the main file containing a file name and preparation time of the main file, to be used in operating the main file.

20 3. A measurement data controlling device according to claim 2, wherein said measured data are divided into two areas, said identifying data and time identifying data being located between the two areas.

25 4. A measurement data controlling device according to claim 2, wherein said preparing means further prepares error detection data for the measured data, identifying data and time identifying data, which are attached to the main file.

Sub
A1
5
end

[illegible]